

Title (en)

PROCESS FOR THE HIGH-VELOCITY DIP-COATING OF FILAMENT LIKE MATERIALS IN A MOLTEN METAL BATH

Publication

EP 0060225 B1 19850918 (EN)

Application

EP 82810103 A 19820309

Priority

JP 3476281 A 19810310

Abstract (en)

[origin: US4431688A] In a case where filament-like articles (e.g. wires) are dip-coated by upwardly passing the article into a bath of molten metal through the bottom and top vertical openings of a spout containing the molten metal, the article to be coated is wrapped, before it enters the bottom inlet opening in the spout, with a blanket of protective gas at a pressure sufficient to cause the gas to penetrate into the spout simultaneously with the article, to progressively and regularly circulate around the molten metal and to steadily emerge from the upper opening of the spout still effectively shielding the freshly coated article.

IPC 1-7

C23C 2/00; **C23C 2/14**; **C23C 2/30**; **C23C 2/36**

IPC 8 full level

C23C 2/00 (2006.01); **C23C 2/02** (2006.01); **C23C 2/38** (2006.01)

CPC (source: EP US)

C23C 2/0035 (2022.08 - EP US); **C23C 2/0036** (2022.08 - EP US); **C23C 2/00361** (2022.08 - EP US); **C23C 2/0038** (2022.08 - EP US); **C23C 2/022** (2022.08 - EP US); **C23C 2/024** (2022.08 - EP US)

Cited by

DE3303468A1; DE4344471A1; US5712916A; US5991409A; US5953426A; EP0329611A1; CH675257A5; US5705228A; EP1225245A1; GB2281309A; GB2281309B; AU686185B2; WO02057505A1; EP1760166B1

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US 4431688 A 19840214; AU 543668 B2 19850426; AU 7692881 A 19820916; BR 8201267 A 19830118; CA 1162446 A 19840221; DE 3266273 D1 19851024; EP 0060225 A1 19820915; EP 0060225 B1 19850918; JP S57149462 A 19820916; JP S6058787 B2 19851221; MX 156246 A 19880728; NZ 198698 A 19840706; ZA 821550 B 19830126

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